

L Number	Hits	Search Text	DB	Time stamp
1	66	(cytokine or g adj csf or gcsf) same plant same express\$5	USPAT; US-PGPUB	2002/08/05 07:07
2	267	hydroxyproline same (plant same express\$5)	USPAT; US-PGPUB	2002/08/05 07:07
3	0	hydroxyproline near9 (plant near9 express\$5)	USPAT; US-PGPUB	2002/08/05 07:07
4	23	hydroxyproline same (plant near9 express\$5)	USPAT; US-PGPUB	2002/08/05 07:27
5	394	nucleic near7 protein near3 plant	USPAT; US-PGPUB	2002/08/05 07:28
6	0	(nucleic near7 protein near3 plant) near8 (proportion\$3)	USPAT; US-PGPUB	2002/08/05 07:28
7	0	(nucleic near7 protein near3 plant) near8 (relative near2 amount)	USPAT; US-PGPUB	2002/08/05 07:30
8	21	composition near5 plant near5 nucleic	USPAT; US-PGPUB	2002/08/05 07:56
9	14074	soluble near5 protein	USPAT; US-PGPUB	2002/08/05 07:56
10	330	(soluble near5 protein,) near12 plant	USPAT; US-PGPUB	2002/08/05 07:56
11	2	((soluble near5 protein) near12 plant) near12 percent	USPAT; US-PGPUB	2002/08/05 07:57
12	1	((soluble near5 protein) near12 plant) near proportion\$3	USPAT; US-PGPUB	2002/08/05 07:57
13	1	((soluble near5 protein) near12 plant) near proportion\$6	USPAT; US-PGPUB	2002/08/05 08:05
14	2	"6020169"	USPAT; US-PGPUB	2002/08/05 08:05
15	2	"6020169" and signal	USPAT; US-PGPUB	2002/08/05 08:07
16	0	("6020169" and signal) and kdel	USPAT; US-PGPUB	2002/08/05 08:16
17	2	"6020169" and. (g(w)csf or gcsf)	USPAT; US-PGPUB	2002/08/05 08:17
18	1	"6020169" and csf	USPAT; US-PGPUB	2002/08/05 08:26
19	222	kdel	USPAT; US-PGPUB	2002/08/05 08:26
20	29	kdel same plant	USPAT; US-PGPUB	2002/08/05 08:26

=> file medline biosis caplus agricola
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 08:31:26 ON 05 AUG 2002

FILE 'BIOSIS' ENTERED AT 08:31:26 ON 05 AUG 2002

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FILE 'AGRICOLA' ENTERED AT 08:31:26 ON 05 AUG 2002

=> s kdel

L1 1060 KDEL

=> s l1 and plant#

L2 209 L1 AND PLANT#

=> s l2 and express?

L3 130 L2 AND EXPRESS?

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 61 DUP REM L3 (69 DUPLICATES REMOVED)

=> d 20 bib

L4 ANSWER 20 OF 61 AGRICOLA

AN 2001:32005 AGRICOLA

DN IND22435312

TI Overexpression of auxin-binding protein enhances the sensitivity of guard cells to auxin.

AU Baulry, J.M.; Sealy, I.M.; Macdonald, H.; Brearley, J.; Droge, S.; Hillmer, S.; Robinson, D.G.; Venis, M.A.; Blatt, M.R.; Lazarus, C.M.

AV DNAL (450 P692)

SO Plant physiology, Nov 2000. Vol. 124, No. 3. p. 1229-1238

Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references

CY Maryland; United States

DT Article; Conference

FS U.S. Imprints not USDA, Experiment or Extension

LA English

=> d 30 bib

L4 ANSWER 30 OF 61 MEDLINE

DUPLICATE 16

AN 2000230521 MEDLINE

DN 20230521 PubMed ID: 10767987

TI Rice cell culture as an alternative production system for functional diagnostic and therapeutic antibodies.

AU Torres E; Vaquero C; Nicholson L; Sack M; Stoger E; Drossard J; Christou P; Fischer R; Perrin Y

CS Molecular Biotechnology Unit, John Innes Centre, Norwich, UK.

SO TRANSGENIC RESEARCH, (1999) 8 (6) 441-9.

Journal code: 9209120. ISSN: 0962-8819.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200005
ED Entered STN: 20000512
Last Updated on STN: 20000512
Entered Medline: 20000504

=> d 31-61 ti

- L4 ANSWER 31 OF 61 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 17
TI Transport of virally **expressed** green fluorescent protein through the secretory pathway in tobacco leaves is inhibited by cold shock and brefeldin A
- L4 ANSWER 32 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. DUPLICATE 18
TI Accumulation of antibody fusion proteins in the cytoplasm and ER of **plant** cells.
- L4 ANSWER 33 OF 61 MEDLINE DUPLICATE 19
TI Stacks on tracks: the **plant** Golgi apparatus traffics on an actin/ER network.
- L4 ANSWER 34 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Functional conservation of calreticulin in *Euglena gracilis*.
- L4 ANSWER 35 OF 61 MEDLINE DUPLICATE 20
TI Cloning and **expression** of two genes encoding auxin-binding proteins from tobacco.
- L4 ANSWER 36 OF 61 CAPLUS COPYRIGHT 2002 ACS
TI Cassettes for the **expression** of storable proteins in **plants** and their use in production of transgenic **plants**
- L4 ANSWER 37 OF 61 MEDLINE DUPLICATE 21
TI Trafficking of wheat gluten proteins in transgenic tobacco **plants**: gamma-gliadin does not contain an endoplasmic reticulum-retention signal.
- L4 ANSWER 38 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Protein disulfide isomerase in spore germination and cell division.
- L4 ANSWER 39 OF 61 MEDLINE DUPLICATE 22
TI Retention of maize auxin-binding protein in the endoplasmic reticulum: quantifying escape and the role of auxin.
- L4 ANSWER 40 OF 61 MEDLINE DUPLICATE 23
TI The C-terminal HDEL sequence is sufficient for retention of secretory proteins in the endoplasmic reticulum (ER) but promotes vacuolar targeting of proteins that escape the ER.
- L4 ANSWER 41 OF 61 MEDLINE
TI Proteinase A, a storage-globulin-degrading endopeptidase of vetch (*Vicia sativa* L.) seeds, is not involved in early steps of storage-protein mobilization.
- L4 ANSWER 42 OF 61 MEDLINE DUPLICATE 24
TI Improving scFv antibody **expression** levels in the **plant**

cytosol.

- L4 ANSWER 43 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Human Rer1 is localized to the Golgi apparatus and complements the deletion of the homologous Rer1 protein of *Saccharomyces cerevisiae*.
- L4 ANSWER 44 OF 61 MEDLINE DUPLICATE 25
TI Molecular cloning and **expression** of the hot pepper ERabp1 gene encoding auxin-binding protein.
- L4 ANSWER 45 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. DUPLICATE 26
TI Virus-mediated delivery of the green fluorescent protein to the endoplasmic reticulum of **plant** cells.
- L4 ANSWER 46 OF 61 MEDLINE DUPLICATE 27
TI The C-terminal **KDEL** sequence increases the **expression** level of a single-chain antibody designed to be targeted to both the cytosol and the secretory pathway in transgenic tobacco.
- L4 ANSWER 47 OF 61 MEDLINE
TI Protein retention in the endoplasmic reticulum of insect cells is not compromised by baculovirus infection.
- L4 ANSWER 48 OF 61 MEDLINE DUPLICATE 28
TI **Expression** and functional characterization of a single chain Fv antibody directed against secretions involved in **plant** nematode infection process.
- L4 ANSWER 49 OF 61 MEDLINE DUPLICATE 29
TI Cytotoxicity of **KDEL**-terminated ricin toxins correlates with distribution of the **KDEL** receptor in the Golgi.
- L4 ANSWER 50 OF 61 AGRICOLA
TI Molecular characterization of cDNAs encoding low-molecular-weight heat shock proteins of soybean.
- L4 ANSWER 51 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Production of rat protein disulfide isomerase in *Saccharomyces cerevisiae*.
- L4 ANSWER 52 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. DUPLICATE 30
TI **Expression** and regulation of aERD2, a gene encoding the **KDEL** receptor homolog in **plants**, and other genes encoding proteins involved in ER-Golgi vesicular trafficking.
- L4 ANSWER 53 OF 61 MEDLINE DUPLICATE 31
TI Stable **expression** of maize auxin-binding protein in insect cell lines.
- L4 ANSWER 54 OF 61 MEDLINE DUPLICATE 32
TI Authentic processing and targeting of active maize auxin-binding protein in the baculovirus **expression** system.
- L4 ANSWER 55 OF 61 CAPLUS COPYRIGHT 2002 ACS
TI The Arabidopsis endoplasmic reticulum retention receptor functions in yeast
- L4 ANSWER 56 OF 61 MEDLINE DUPLICATE 33
TI Molecular analysis of three maize 22 kDa auxin-binding protein genes--transient promoter **expression** and regulatory regions.

L4 ANSWER 57 OF 61 MEDLINE DUPLICATE 34
 TI Two members of the ERabp gene family are **expressed** differentially in reproductive organs but to similar levels in the coleoptile of maize.

L4 ANSWER 58 OF 61 AGRICOLA
 TI Analysis of the BiP gene and identification of an ER retention signal in Schizosaccharomyces pombe.

L4 ANSWER 59 OF 61 MEDLINE DUPLICATE 35
 TI Vicilin with carboxy-terminal **KDEL** is retained in the endoplasmic reticulum and accumulates to high levels in the leaves of transgenic **plants**.

L4 ANSWER 60 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 36
 TI RETENTION OF PHYTOHEMAGGLUTININ WITH CARBOXY-TERMINAL TETRAPEPTIDE **KDEL** IN THE NUCLEAR ENVELOPE AND THE ENDOPLASMIC RETICULUM.

L4 ANSWER 61 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 37
 TI MOLECULAR CLONING AND STRUCTURAL ANALYSIS OF A GENE FROM ZEA-MAYS L. CODING FOR A PUTATIVE RECEPTOR FOR THE **PLANT** HORMONE AUXIN.

=> d 46 bib ab

L4 ANSWER 46 OF 61 MEDLINE DUPLICATE 27
 AN 96194460 MEDLINE
 DN 96194460 PubMed ID: 8624409
 TI The C-terminal **KDEL** sequence increases the **expression** level of a single-chain antibody designed to be targeted to both the cytosol and the secretory pathway in transgenic tobacco.

AU Schouten A; Roosien J; van Engelen F A; de Jong G A; Borst-Vrens A W; Zilverentant J F; Bosch D; Stiekema W J; Gommers F J; Schots A; Bakker J
 CS Wageningen Agricultural University, Department of Nematology, The Netherlands.
 SO PLANT MOLECULAR BIOLOGY, (1996 Feb) 30 (4) 781-93.
 Journal code: 9106343. ISSN: 0167-4412.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199606
 ED Entered STN: 19960708
 Last Updated on STN: 19960708
 Entered Medline: 19960624

AB The effects of subcellular localization on single-chain antibody (scFv) **expression** levels in transgenic tobacco was evaluated using an scFv construct of a model antibody possessing different targeting signals. For translocation into the secretory pathway a secretory signal sequence preceded the scFv gene (scFv-S). For cytosolic **expression** the scFv antibody gene lacked such a signal sequence (scFv-C). Also, both constructs were provided with the endoplasmic reticulum (ER) retention signal **KDEL** (scFv-SK and scFv-CK, respectively). The **expression** of the different scFv constructs in transgenic tobacco **plants** was controlled by a CaMV 35S promoter with double enhancer. The scFv-S and scFv-SK antibody genes reached **expression** levels of 0.01% and 1% of the total soluble protein, respectively. Surprisingly, scFv-CK transformants showed considerable **expression** of up to 0.2% whereas scFv-C transformants did not show any accumulation of the scFv antibody. The differences in protein **expression** levels

could not be explained by the steady-state levels of the mRNAs. Transient **expression** assays with leaf protoplasts confirmed these **expression** levels observed in transgenic **plants**, although the **expression** level of the scFv-S construct was higher. Furthermore, these assays showed that both the secretory signal and the ER retention signal were recognized in the **plant** cells. The scFv-CK protein was located intracellularly, presumably in the cytosol. The increase in scFv protein stability in the presence of the **KDEL** retention signal is discussed.

=> FIL STNGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
9.05	9.26

FILE 'STNGUIDE' ENTERED AT 08:32:31 ON 05 AUG 2002
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 2, 2002 (20020802/UP).

=> d 36 42 bib ab
YOU HAVE REQUESTED DATA FROM FILE 'MEDLINE, BIOSIS, CAPLUS, AGRICOLA' - CONTINUE?
(Y)/N:y

L4 ANSWER 36 OF 61 CAPLUS COPYRIGHT 2002 ACS
AN 1997:544319 CAPLUS
DN 127:215957
TI Cassettes for the **expression** of storable proteins in
plants and their use in production of transgenic **plants**
IN Conrad, Udo; Fiedler, Ulrike; Phillips, Julian; Artsaenko, Olga
PA Institut Fur Pflanzengenetik Und Kulturpflanzenforschung, Germany; Conrad,
Udo; Fiedler, Ulrike; Phillips, Julian; Artsaenko, Olga
SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9729200	A1	19970814	WO 1997-DE285	19970207
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	DE 19604588	A1	19970814	DE 1996-19604588	19960208
	DE 19620804	A1	19971127	DE 1996-19620804	19960523
	CA 2246242	AA	19970814	CA 1997-2246242	19970207
	EP 879293	A1	19981125	EP 1997-914150	19970207
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE, MC, IE, FI				
	JP 2000504567	T2	20000418	JP 1997-528063	19970207
	US 6403371	B1	20020611	US 1998-117990	19981207
PRAI	DE 1996-19604588	A	19960208		
	DE 1996-19620804	A	19960523		
	WO 1997-DE285	W	19970207		
AB	The invention relates to cassettes for the expression of storable gene products in leaves and specifically in seeds, esp. single-chain antibody fragments in leaves and seeds of transgenic tobacco and pea plants . The fields of application of the invention are				

biotechnol., medicine (diagnosis and therapy), foodstuffs and **plant** control and agriculture. The **expression** cassette of the invention comprises constitutive or seed-specific promoters, the LeB4 signal sequence, a gene to be **expressed** and an endoplasmic reticulum (ER) retention signal-encoding sequence. Transgenic tobacco contg. an **expression** cassette contg. the Vicia faba LeB4 (seed-specific) promoter and signal sequence, the gene for a single-chain antibody fragment as the gene and the amino acid sequence **KDEL** as the ER retention signal were produced. The scFv bound to the appropriate antigen. Furthermore, the binding activity was retained after 1 yr of storage of the seeds at room temp.

L4 ANSWER 42 OF 61 MEDLINE DUPLICATE 24
 AN 1998010486 MEDLINE
 DN 98010486 PubMed ID: 9351003
 TI Improving scFv antibody **expression** levels in the **plant** cytosol.
 AU Schouten A; Roosien J; de Boer J M; Wilmink A; Rosso M N; Bosch D; Stiekema W J; Gommers F J; Bakker J; Schots A
 CS Department of Nematology, Wageningen Agricultural University, The Netherlands.. sander.schouten@medew.nema.wau.nl
 SO FEBS LETTERS, (1997 Sep 29) 415 (2) 235-41.
 Journal code: 0155157. ISSN: 0014-5793.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-Z95476; GENBANK-Z95477; GENBANK-Z95478; GENBANK-Z95479; GENBANK-Z95480
 EM 199711
 ED Entered STN: 19980109
 Last Updated on STN: 19990129
 Entered Medline: 19971128
 AB **Expression** of single-chain antibody fragments (scFvs) in the **plant** cytosol is often cumbersome. It was unexpectedly shown that addition at the C-terminus of the ER retention signal **KDEL** resulted in significantly improved **expression** levels. In this report the cytosolic location of the scFv-CK was confirmed, excluding possible mistranslocation to other subcellular compartments. It was shown that **expression** of several other scFvs was also improved in tobacco protoplasts. In addition **expression** was improved in transgenic potato. Changing from **KDEL** to KDEI did not affect the enhanced protein **expression** level. Addition of the **KDEL** motif is a simple and straightforward tool to stabilize in **planta** cytosolic **expression** of many scFvs.

=> s hydroxyproline

L5 0 HYDROXYPROLINE

=> file medline biosis caplus jicst-eplus agricola

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.96	14.66
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

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FILE 'BIOSIS' ENTERED AT 08:42:29 ON 05 AUG 2002

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FILE 'AGRICOLA' ENTERED AT 08:42:29 ON 05 AUG 2002

=> s hydroxyproline

L6 33078 HYDROXYPROLINE

=> s 16 (9a) express?

L7 402 L6 (9A) EXPRESS?

=> d 1-10 ti

L7 ANSWER 1 OF 402 MEDLINE

TI Inhibitory effect of acetylsalicylic acid on metalloproteinase activity in human lung adenocarcinoma at different stages of differentiation.

L7 ANSWER 2 OF 402 MEDLINE

TI Iron loading makes a nonfibrogenic model air pollutant particle fibrogenic in rat tracheal explants.

L7 ANSWER 3 OF 402 MEDLINE

TI Smad3 deficiency attenuates bleomycin-induced pulmonary fibrosis in mice.

L7 ANSWER 4 OF 402 MEDLINE

TI In vitro characterization of chondrocytes isolated from naturally occurring osteochondrosis lesions of the humeral head of dogs.

L7 ANSWER 5 OF 402 MEDLINE

TI The biological effect of verapamil on hypertrophic scar fibroblast.

L7 ANSWER 6 OF 402 MEDLINE

TI All-trans retinoic acid in pulmonary vascular structural remodeling in rats with pulmonary hypertension induced by monocrotaline.

L7 ANSWER 7 OF 402 MEDLINE

TI Healing of burn wounds in transgenic mice overexpressing transforming growth factor-beta 1 in the epidermis.

L7 ANSWER 8 OF 402 MEDLINE

TI Dimethyl sulfoxide inhibits dimethylnitrosamine-induced hepatic fibrosis in rats.

L7 ANSWER 9 OF 402 MEDLINE

TI Intrasplenic transplantation of IL-18 gene-modified hepatocytes: an effective approach to reverse hepatic fibrosis in schistosomiasis through induction of dominant Th1 response.

L7 ANSWER 10 OF 402 MEDLINE

TI Increased collagen deposition in an uncomplicated surgical wound compared to a minimal subcutaneous test wound.

=> s 17 (9a) (protein# or polypeptide# or peptide#)

L8 69 L7 (9A) (PROTEIN# OR POLYPEPTIDE# OR PEPTIDE#)

=> dup rem l8
PROCESSING COMPLETED FOR L8
L9 34 DUP REM L8 (35 DUPLICATES REMOVED)

=> d 1-34 ti

L9 ANSWER 1 OF 34 CAPLUS COPYRIGHT 2002 ACS
TI Synthetic genes for plant gum proteins and other hydroxyproline-rich glycoproteins and their use in the manufacture of gums

L9 ANSWER 2 OF 34 JICST-EPlus COPYRIGHT 2002 JST
TI Regulation of pulmonary fibrosis by gene transfer of anti-cytokine molecules.

L9 ANSWER 3 OF 34 CAPLUS COPYRIGHT 2002 ACS
TI Hydroxyproline-rich glycoproteins expressed during stress responses in cassava

L9 ANSWER 4 OF 34 MEDLINE DUPLICATE 1
TI Evidence for 4-hydroxyproline in viral proteins. Characterization of a viral prolyl 4-hydroxylase and its peptide substrates.

L9 ANSWER 5 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. DUPLICATE 2
TI Nodule parenchyma-specific expression of the Sesbania rostrata early nodulin gene SrEnod2 is mediated by its 3' untranslated region.

L9 ANSWER 6 OF 34 MEDLINE DUPLICATE 3
TI Molecular analysis of collagens in bladder fibrosis.

L9 ANSWER 7 OF 34 CAPLUS COPYRIGHT 2002 ACS
TI cDNA cloning and characterization of a proline (or hydroxyproline)-rich protein from Santalum album L

L9 ANSWER 8 OF 34 MEDLINE DUPLICATE 4
TI Less collagen production in smokers.

L9 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2002 ACS
TI Green fluorescent protein expression constructs for use as a screenable marker for plant transformation

L9 ANSWER 10 OF 34 MEDLINE DUPLICATE 5
TI Contractile systolic and diastolic dysfunction in renin-induced hypertensive cardiomyopathy.

L9 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 6
TI A study of extracellular matrix protein expressions and TGF-.beta. effects in clonal dental pulp cells in vitro

L9 ANSWER 12 OF 34 MEDLINE DUPLICATE 7
TI Effect of 764-3 and ligustrazine on collagen content of extrapulmonary arteries during chronic hypoxia.

L9 ANSWER 13 OF 34 MEDLINE DUPLICATE 8
TI Renal and microvascular effects of an aldose reductase inhibitor in experimental diabetes. Biochemical, functional and ultrastructural studies.

L9 ANSWER 14 OF 34 CAPLUS COPYRIGHT 2002 ACS
TI Regulation of the expression of genes coding for proline-rich proteins in maize

L9 ANSWER 15 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI Use of radiation-induced tumors to study growth control in Arabidopsis.

L9 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2002 ACS
 TI Developmental regulation and phytochrome-mediated induction of mRNAs encoding a proline-rich protein, glycine-rich proteins, and hydroxyproline-rich glycoproteins in Phaseolus vulgaris L

L9 ANSWER 17 OF 34 MEDLINE DUPLICATE 9
 TI Myocardial blood flow distribution in patients with ischemic heart disease or dilated cardiomyopathy undergoing heart transplantation.

L9 ANSWER 18 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 10
 TI Cyclosporin a reduces skin collagen content in renal graft recipients.

L9 ANSWER 19 OF 34 MEDLINE DUPLICATE 11
 TI Collagen biosynthesis in cultured rat testicular Sertoli and peritubular myoid cells.

L9 ANSWER 20 OF 34 MEDLINE DUPLICATE 12
 TI Nuclear factors binding to the extensin promoter exhibit differential activity in carrot protoplasts and cells.

L9 ANSWER 21 OF 34 MEDLINE DUPLICATE 13
 TI Decreased collagen mRNA and regression of cardiac fibrosis in the ventricular myocardium of the tight skin mouse following thyroid hormone treatment.

L9 ANSWER 22 OF 34 MEDLINE DUPLICATE 14
 TI Patterns of soybean proline-rich protein gene expression.

L9 ANSWER 23 OF 34 CAPLUS COPYRIGHT 2002 ACS
 TI Expression of cell wall proteins in seeds and during early seedling growth of Araucaria araucana is a response to wound stress and is developmentally regulated

L9 ANSWER 24 OF 34 MEDLINE DUPLICATE 15
 TI Age-dependent variations of the biosyntheses of fibronectin and fibrous collagens in mouse skin.

L9 ANSWER 25 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 16
 TI DIFFERENTIAL **EXPRESSION** OF A **HYDROXYPROLINE**-RICH CELL-WALL **PROTEIN** GENE IN EMBRYONIC TISSUES OF ZEA-MAYS L.

L9 ANSWER 26 OF 34 CAPLUS COPYRIGHT 2002 ACS
 TI Tissue-specific expression of cell wall proteins in developing soybean tissues

L9 ANSWER 27 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI TISSUE SPECIFIC EXPRESSION OF CELL WALL PROTEINS IN DEVELOPING SOYBEAN TISSUES.

L9 ANSWER 28 OF 34 MEDLINE DUPLICATE 17
 TI Effect of etidronate disodium on bone turnover following surgical menopause.

L9 ANSWER 29 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 18
 TI DIFFERENTIAL EXPRESSION OF NUCLEAR AND ORGANELLE-ENCODED GENES DURING

TOMATO FRUIT DEVELOPMENT.

- L9 ANSWER 30 OF 34 MEDLINE DUPLICATE 19
 TI Effects of streptozotocin-induced diabetes on lung mechanics and biochemistry in rats.
- L9 ANSWER 31 OF 34 MEDLINE DUPLICATE 20
 TI Increase in type I and type IV collagenolytic activity in primary cultures of keratoconus cornea.
- L9 ANSWER 32 OF 34 MEDLINE DUPLICATE 21
 TI Myocardial healing and repair after experimental infarction in the rabbit.
- L9 ANSWER 33 OF 34 MEDLINE DUPLICATE 22
 TI Biochemical and anatomical study of collagen and associated macromolecules in pulmonary panacinar emphysema and spontaneous pneumothorax.
- L9 ANSWER 34 OF 34 MEDLINE
 TI [Chromatographic analysis of urinary amino acids in Paget's disease. I : Biochemical study. Isolation and amino acid composition of a urinary peptide specific to this bone disease].
 Analyse chromatographique des acides amines urinaires au cours de la maladie de Paget. Partie I : etude biochimique. Isolement et composition en acides amines d'un peptide urinaire "specifique" de cette atteinte osseuse.

=> d 2, 9 bib ab

- L9 ANSWER 2 OF 34 JICST-EPlus COPYRIGHT 2002 JST
 AN 1020154585 JICST-EPlus
 TI Regulation of pulmonary fibrosis by gene transfer of anti-cytokine molecules.
- AU HAYASHI SEIJI; MORI MASAHIDE; MATSUOKA HIROTO
 CS Osakadai Daigakuin'igakukenkyuka Bunshibyotainaiika
 SO Bimansei Hai Shikkan Kenkyuhan. Heisei 12 Nendo Kenkyu Hokokusho. Kosei Kagaku Kenkyu Tokutei Shikkan Taisaku Kenkyu Jigyo, (2001) pp. 258-261. Journal Code: N20020035 (Fig. 4, Ref. 14)
- CY Japan
 DT Journal; Article
 LA Japanese
 STA New
- AB It was tried that it manifested soluble form TGF-.BETA.II type receptor - IgG(Fc) fusion protein which is the factor which is antagonized for TGF-.BETA. which promotes the fibrillation and suppresses the pulmonary fibrosis using gene injection electric punch method in the muscle which is the new congenic method. Soluble form TGF-.BETA.II type receptor - IgG(Fc) fusion gene was introduced into the pre- tibialis muscle using gene injection electric punch method in the muscle on the fifth, after the bleomycin is administered to the C57BL/6 mouse in the intratracheal. The fibrillation was evaluated by the **hydroxyproline** fixed quantity on 21. **Protein expression** in the muscle and integration of the **protein** to the lung were confirmed, and it was considered that this congenic method was effective, and there was no difference at hoop and hydroxyproline quantity, and the depression effect was not sufficient.
- L9 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2002 ACS
 AN 1997:740309 CAPLUS
 DN 128:20665
 TI Green fluorescent protein expression constructs for use as a screenable marker for plant transformation

IN Gordon-Kamm, William; Pierce, Dorothy A.; Bowen, Benjamin; Bidney, Dennis; Ross, Margit; Scelonge, Christopher; Miller, Mike; Sandahl, Gary; Wang, Lijuan

PA Pioneer Hi-Bred International, Inc., USA; Gordon-Kamm, William; Pierce, Dorothy A.; Bowen, Benjamin; Bidney, Dennis; Ross, Margit; Scelonge, Christopher; Miller, Mike; Sandahl, Gary; Wang, Lijuan

SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9741228	A2	19971106	WO 1997-US7688	19970501
	WO 9741228	A3	19971211		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2252412	AA	19971106	CA 1997-2252412	19970501
	AU 9729983	A1	19971119	AU 1997-29983	19970501
	AU 730927	B2	20010322		
	EP 904371	A2	19990331	EP 1997-924601	19970501
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			

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AB A method for the prodn. of transgenic plants is provided in which a vector carrying a gene encoding the green fluorescent protein is introduced into cells, the cells are screened for the protein and transformed cells are selected and regenerated. The cellular toxicity of the green fluorescent protein is circumvented by regulating expression of the gene encoding the protein or directing the protein to a subcellular compartment where it is not toxic to the cell. DNA constructs are provided for cell transformation in which the expression of a gene encoding the green fluorescent protein is placed under the control of an inducible promoter. In addn., DNA constructs are provided in which a nucleotide sequence encoding the green fluorescent protein is operably linked to a signal sequence which directs the expressed protein to a subcellular compartment where the protein is not toxic to the cell. Oxidative stress to plant cells transformed with GFP also can be ameliorated by transforming cells with an expression vector comprising genes encoding GFP and an oxygen scavenger enzyme such as superoxide dismutase. The toxicity of GFP in transformed plants can be eliminated by excising the screenable marker gene following detection of transformed cells or sectors. The FLP/FRT system is used in conjunction with GFP as a visible marker for transformation and FRT excision. A nucleotide sequence optimized for expression of the green fluorescent protein in plants is also provided. The use of the protein as a marker in the transformation and regeneration of maize is described. The efficiency of transformation with the GFP screenable marker was comparable to that with bialaphos as selectable marker.